



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re U.S. Patent Application of** )  
**SUGAHARA et al.** )  
**Application Number: 10/522,241** )  
**Filed: January 25, 2005** )  
**For: A SPIN TRANSISTOR BASED ON THE SPIN-** )  
**FILTER EFFECT AND A NONVOLATILE MEMORY** )  
**USING SPIN TRANSISTORS** )  
**ATTORNEY DOCKET NO. HIRA.0178** )

**Honorable Assistant Commissioner  
for Patents  
Washington, D.C. 20231**

**PRELIMINARY AMENDMENT**

Sir:

Applicant has amended the claims in accordance with standard U.S. practice. Prior to an examination on the merits, please amend the above-identified application as follows: